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Notice of Allowability	Application No.	Applicant(s)	
	10/760,560	FUKASAWA, KAZUO	
	Examiner	Art Unit	
	John A. Tweel, Jr.	2636	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application dated 1/21/04.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>1/21/04 & 9/19/05</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

- Abstract, Line 5: Please replace the word "an" with --a--.
- Page 1, Line 19: Before the word "unspecified", please insert the word --an--.
- Page 1, Line 25: Please replace the word "become" with --becomes--.
- Page 3, Line 15: Please replace the word "invention" with --embodiment--.
- Page 4, Line 5: Please replace the word "invention" with --embodiment--.
- Page 4, Line 23: Please replace the word "invention" with --embodiment--.
- Page 4, Line 25: Please replace the word "invention" with --embodiment--.
- Page 5, Line 9: Please replace the word "invention" with --embodiment--.
- Page 5, Line 11: Please replace the word "invention" with --embodiment--.
- Page 5, Line 18: Please replace the word "directions" with --direction--.
- Page 6, Line 5: Please replace the word "invention" with --embodiment--.
- Page 6, Line 7: Please replace the word "invention" with --embodiment--.
- Page 6, Line 28: Please replace the word "invention" with --embodiment--.
- Page 7, Lines 2, 7, 9, 17, 19, and 27: Please replace the word "invention" with --embodiment--.

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- Page 8, Lines 1 and 16: Please replace the word "invention" with the word --embodiment--.
- Page 9, Lines 5, 7, 15, and 17: Please replace the word "invention" with --embodiment--.
- Page 9, Line 24: Please replace the first occurrence of the word "invention" with --embodiment--.
- Page 9, Line 25: Please replace the word "invention" with --embodiment--.
- Page 10, Lines 4, 6, 12, 23, and 28: Please replace the word "invention" with --embodiment--.
- Page 10, Line 24: Please replace the second occurrence of the word "invention" with the word --embodiment--.
- Page 11, Line 1: Please replace the word "invention" with --embodiment--.
- Page 11, Lines 4 and 5: Please replace the word "coil" with --coils--.
- Page 11, Line 7: Please replace the word "switch" with --switches--.
- Page 11, Line 8: Please replace the word "coil" with --coils--.
- Page 11, Line 9: Please replace the first occurrence of the word "invention" with the word --embodiment--.
- Page 14, Line 4: Please replace the word "these" with --the--.
- Page 14, Line 22: Please close the gap between "A" and "s" to read --As--.
- Page 15, Line 25: Please insert the word --the-- before "vehicle".
- Page 41, Line 8: Please replace the first occurrence of the word "invention" with the word --embodiment--.

- Page 41, Lines 11 and 15: Please replace the word "invention" with --embodiment--.
- Page 41, Lines 17, 21, and 25: Please replace the word "inventions" with --embodiments--.

2. Claims 1-18 are allowed.

3. The following is an examiner's statement of reasons for allowance:

The **Padula** reference supplied by the applicant actually comes closest to the claimed invention what with the vertical manipulation of a customer interface. However, the reference fails to disclose an antenna retaining portion retaining in a tip portion thereof an antenna coil to perform wireless communication with an IC card through electromagnetic coupling in conjunction with a drive mechanism to freely move the antenna retaining portion backward and forward between a position where the antenna retaining portion is protruding above a lane and where the portion is retracted in the unit.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Mitsuno [U.S. 6,138,912] uses a directional finding unit for vehicle identification.

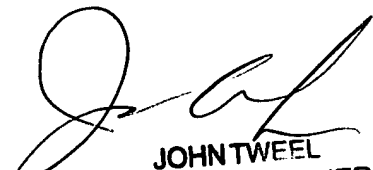
Howland et al [U.S. 6,299,066] is a lenless optical detection system.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John A. Tweel, Jr. whose telephone number is 571 272 2969. The examiner can normally be reached on M-F 10-6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeff Hofsass can be reached on 571 272 2981. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JAT
10/30/05



JOHNTWEEL
PRIMARY EXAMINER